

Comets

This report is on Comets. Comets are boulders floating around in space for astronomers and scientists to discover, study and share about. The topics I am going to inform you on are; what is a comet, what are comets made of and what causes a comet to have a tail.

What is a Comet?

Another name for Comet is “The Dirty Snowball”. Comets range from a basketball size to 80.47km wide monsters! Comets are leftovers during the formation of our Solar System. They are believed to originate from two locations. The Kuiper Belt, Comets which orbit less than 100 years and the Oort Cloud, Comets with orbits greater than 100 years.

What are Comets made of?

Comets are simply just small pieces of ice, dust and small rocky particles. Comets are offspring from the formation of stars and planets millions of years ago. Comets that we can see in our solar system start out as big pieces of rock and ice just floating in something called the Oort cloud. When gravity form something large (stars) gets strong enough, some of the comet breaks off and gets pulled towards the sun.

What causes a comet to have a tail?

A stream of dust and gas forms a large tenuous force called, a Coma. And the force exported makes the tail. The melted ice becomes a gas-like tail that extends away from the sun. The tail is pushed out by the Sun's solar wind. As the comet gets close to the sun, many of its particles are emitted forming a tail.**Not helpful?** You can block **www.universetoday.com** results when you're signed in to search.www.universetoday.com



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